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General Notice

The Bluetooth Diagnostic Interface has been carefully designed and tested to comply with OBDII protocols. However, some vehicle models are not in full compliance with these protocols for various reasons. In addition, the computer control systems or sensors on any given vehicle may be malfunctioning.

While Autel's testing and the experiences of the users have shown the unit to be safe and reliable, there is an inherent risk in using any product that may potentially affect the operation or drive-ability of your vehicle.

If you are concerned about the operation of your vehicle at any time while using the Bluetooth Diagnostic Interface:

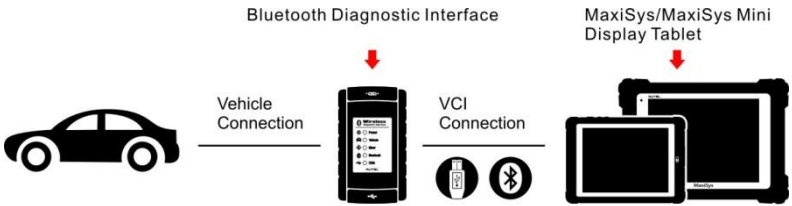
- Pull off the roadway immediately or as soon as it is safe to do so.
- Disconnect the device from the OBDII port.
- Consult a licensed mechanic or automobile service center.

Contact your local distributor, or visit www.auteltech.com for issues or concerns about the product. We maintain an active database of the feedback we receive, and your comments can help us continuously improve the product.

Introduction

The Bluetooth Diagnostic Interface is a multi-brand device which comes with the MaxiSys tool kit. It is designed to connect wirelessly with the MaxiSys Display Tablet, as well as standalone PCs, as a vehicle communication interface (VCI) for vehicle data transmission. Thanks to the wireless Bluetooth technology, with which you are allowed to work freely around the vehicle.

This interface device can communicate with vehicles' electronic control units (ECUs), guaranteeing performance and speed that redefine multi-brand diagnostics. The development of this interface has been focused on reducing the communication time, and ensuring the tool is practical to use.



MAXISYS DIAGNOSTIC PLATFORM

The MaxiSys diagnostic platform combines the VCI device and the display tablet with technical information into a single program, ensuring quick and simple access to the vehicle to perform comprehensive diagnostics applications.

Wireless Communication

The Bluetooth Diagnostic Interface supports Bluetooth communication. It can transmit vehicle data to the MaxiSys Display Tablet without a physical connection. The working range of the transmitter through Bluetooth communication is about 755 feet (about 230 m). A signal lost due to moving out of range automatically restores itself when the display unit is brought closer to the VCI unit.

For detailed information about VCI connection with the MaxiSys display tablet, please refer to the MaxiSys User Manual.

USB Connectivity

The VCI device also provides a direct connection to the MaxiSys display tablet or a PC via a USB 2.0 full-speed connection. All of the electronics are contained in the device shell, making it a compact and rugged vehicle communication tool.

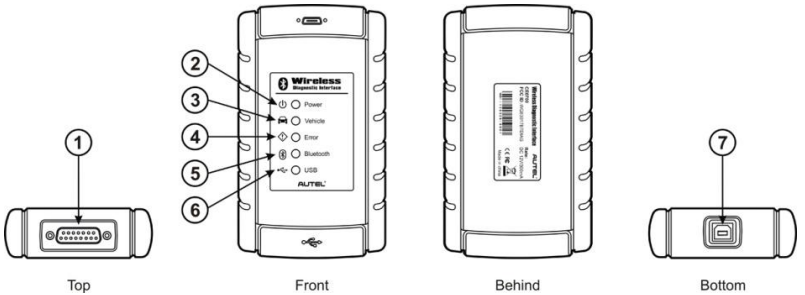
Power Source

The Bluetooth Diagnostic Interface operates on 12-volt vehicle power, which it receives through the vehicle data connection port. The unit powers on whenever it is connected to an OBD II/EOBD compliant data link connector (DLC).

It can also be powered through connection with a PC via the USB cable, so there's no need to connect the device to the vehicle when performing firmware update through the PC.

Functional Description

The Bluetooth Diagnostic Interface device package, which includes the unit, user manual, and a CD with driver program and update agent, comes along with the MaxiSys™/MaxiSys Mini™ tool kit. Please refer to the MaxiSys User Manual for additional information.



1. Vehicle Data Connector (DB15-Pin)
2. Power LED
3. Vehicle LED
4. Error LED
5. Bluetooth LED
6. USB LED
7. USB Port

Vehicle Data Connector

The connector connects the device to the vehicle's DLC via a standard DB15 – Pin OBD II cable.

Status LEDs

There are 5 status LEDs on the front panel of the VCI device, which indicates its working status as well as the hardware conditions, and are very useful for troubleshooting the device's communication or connection to the Vehicle, display tablet and/or the PC. See *Table 1* for detailed description of the status LEDs.

Table 1 – Status LEDs on the Front Panel

LED	Description
Power	Illuminates solid green when powered on.
Vehicle	Flashes green when communicating with the vehicle's network.
Error	Illuminates solid red when serious hardware failure occurs; also flashes red when performing firmware update.
Bluetooth	Illuminates solid green when connected with the MaxiSys display tablet through Bluetooth communication; also flashes green when transmitting data between the vehicle and the display tablet.
USB	Illuminates solid green when the device is properly connected, and communicating with the MaxiSys display tablet or the PC via the USB cable

USB Port

The USB port provides the easiest connection between the device and the display tablet or the PC via a USB cable, and is used to control the device from the software application running on the PC.

Technical Specifications

Item	Description
Communications	• Bluetooth V.2.1 + EDR • USB 2.0
Wireless Frequency	2.4 GHz
Input Voltage Range	12 VDC
Supply Current	200 mA @ 12 VDC
Operating Temperature	0°C to 50°C (ambient)
Storage Temperature	-20°C to 70°C (ambient)
Dimensions (L x W x H)	147.5 mm (5.80”) x 85.5 mm (3.37”) x 29.0 mm (1.14”)
Weight	0.215 kg (0.473 lb)

Capabilities

When used in conjunction with the display table or the OEM softwares from the PC, the Bluetooth Diagnostic Interface device is able to perform the following functions:

- Auto diagnostics to read and clear the error memory, to display system parameters and the status of the ECU;
- Activation, adjustments and configurations that are essential for ensuring a complete repair;
- Resetting the service lights or the airbag systems;
- Configuration of the ECUs, keys and remote controls, etc.

Product Troubleshooting

This part describes problems that you may encounter while using the VCI device.

Vehicle Linking Error

A communication error occurs if the interface device fails to communicate with the vehicle's control module when performing diagnostic procedures. You need to do the following check-ups:

- ✓ Verify that the ignition is ON.
- ✓ Check if the interface device's OBD II connector is securely connected to the vehicle's DLC.
- ✓ Turn the ignition off and wait for about 10 seconds. Turn the ignition back to on and continue the operation.
- ✓ Verify the control module is not defective.

PC Communication Error

- ✓ Verify the interface device is powered, and the green power LED is illuminated.
- ✓ Check if there is any firewall software interfering with the connection port.
- ✓ Check if the green status light is illuminated for USB communication.

If these issues have been addressed, verified, and you are still having trouble, please contact technical supports for assistance. Refer to the MaxiSys User Manual for additional information.

Driver Setup

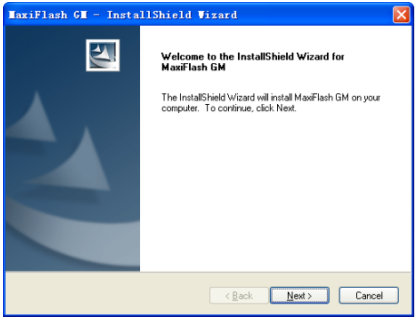
In order for the Bluetooth Diagnostic Interface device to operate correctly with the diagnostic applications on the PC, you will need to first install the device's driver onto the PC that controls the device.

The program package requires Windows XP, Windows Vista (32 or 64 bit), or Windows 7 (32 or 64 bit).

IMPORTANT: Do not plug the interface device onto the PC until you have installed the driver program.

The following steps may vary depending on the operating system or components that are installed on your computer, but in general this is the standard installation process.

1 Insert the CD that came with the MaxiSys tool kit into the CD/DVD slot of the PC. The driver installation wizard will load momentarily. Follow the Setup Wizard instructions to complete the whole installation process.


MaxiFlash GM - InstallShield Wizard
Welcome to the InstallShield Wizard for MaxiFlash GM
The InstallShield Wizard will install MaxiFlash GM on your computer. To continue, click Next.
< Back
Next >
Cancel

2 Click on “**Next**” on the welcome page.

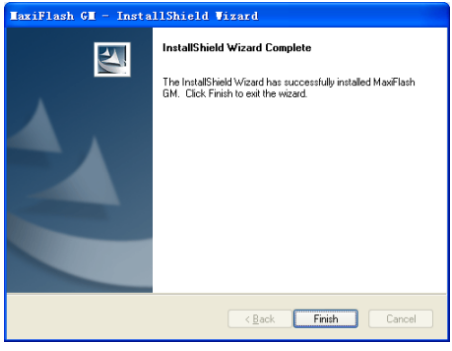
3 Select “**Next**” on the installation location and installation name. It is recommended not to change the default settings; otherwise the computer may have a hard time recognizing the driver.

4 Click on “**Install**” and the driver program will be installed onto your PC.

NOTE: During this part of the process a MS-DOS style window will pop up and may remain on your screen for a short while, which is perfectly normal. Do not attempt to close the MS-DOS style window manually as this will prevent the device driver being installed successfully. It will close automatically when the device driver installation is complete.

5 When the driver is successfully installed, a confirm window will appear.

6 Click on “**Finish**”, and connect the interface device to the PC’s USB port.


InstallShield Wizard Complete
The InstallShield Wizard has successfully installed MaxiFlash GM. Click Finish to exit the wizard.
< Back
Finish
Cancel

7 A “Found New Hardware Wizard” window will pop up. Make sure “**No, not this time**” is selected and click on “**Next**”.

Found New Hardware Wizard
Welcome to the Found New Hardware Wizard
Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission).
Read our privacy policy
Can Windows connect to Windows Update to search for software?
Yes, this time only
Yes, now and every time I connect a device
No, not this time
Click Next to continue.
< Back
Next >
Cancel

8 Select “**Install the software automatically (Recommended)**”, and click on “**Next**”. After the progress bar finishes, click on “**Finish**”. Users have finished installing at this point and can run the software working with the interface device.

Firmware Update

Autel periodically releases updates to the device’s drivers. Updates are necessary to solve specific problems and to ensure the VCI device is working properly with the OEM software. If you are experiencing any problems during use, always make sure that you have the latest device software and drivers.

Update Online

This function allows you to update the driver software for the device through the PC. Make sure the PC is connected to the Internet before using this function.

1 Power up the interface device and connect to the PC via the USB cable.

2 Verify the Power and USB LEDs on the front panel are illuminated.

3 Click on “**All Programs**” from Windows Start Menu, find the “**MaxiFlash Bluetooth**” entry under “**Autel**”, click on “**UpGrade**”, and wait for the program interface to pop up.

4 Select the “**Update**” tab and the update agent will automatically check for the available update online.

5 Press the “**Next**” button to install the newest firmware.

6 Press the “**Cancel**” button to exit.

Warranty and Service

Limited One Year Warranty

Autel warrants to its customers that this product will be free from all defects in materials and workmanship for a period of one (1) year from the date of the original purchase, subject to the following terms and conditions:

1) The sole responsibility of Autel under the Warranty is limited to either the repair or, at the option of Autel, replacement of the device at no charge with Proof of Purchase.
2) This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our Service Center or facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance.
3) Autel shall not be liable for any incidental or consequential damages arising from the use, misuse, or mounting of the device. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.
4) All information in this manual is based on the latest information available at the time of publication and no warranty can be made for its accuracy or completeness. Autel reserves the right to make changes at any time without notice.

Service Information

If you have any questions, please contact your local distributor or visit our website at www.auteltech.com.

If it becomes necessary to return the tool for repair, contact your local distributor for more information.